

SEQUENCE LISTING

<110> Hyeyoung Lee, Hye Eun Bang, Sang-Nae Cho, Gill-Han BAI,
Sang-Jae Kim

<120> A method for identifying Micobacteria tuberculosis and
non-tuberculosis Micobacteria, together with detecting resistance
to an antituberculosis drug of Micobacteria obtained by mutation
of rpoB gene

<130> 0217-0008

<160> 30

<170> KopatentIn 1.71

<210> 1
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> MOTT-rpo-long-B-5' primer for PCR amplication of rpoB gene

<400> 1
tcaaggagaa gcgctacgac ctggc 25

<210> 2
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> TR8-long-NB-3' primer for PCR amplication of rpoB gene

<400> 2
acgggtgcac gtcgcggacc tcca 24

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for all types of Mycobacteria

<400> 3
gacgtcgtcg ccaccatcga 20

<210> 4

<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. tuberculosis complex

<400> 4
catgtcggcg agccc 15

<210> 5
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. avium

<400> 5
aaacggtgag ccgatcacc 19

<210> 6
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. intracellulae

<400> 6
aaacctgcac gcgggcga 18

<210> 7
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. scrofulaceum

<400> 7
aaaaacgtac ggatggccag c 21

<210> 8
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. kansasii* type I + V

<400> 8

aaaggccacg atgaccgtg

19

<210> 9

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. kansasii* type II + III + IV

<400> 9

aaaaatctca ggatggccag c

21

<210> 10

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. gastri*

<400> 10

aaaaatctca gggatggccag g

21

<210> 11

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. fortuitum* complex

<400> 11

cctgaacgcc ggccag

16

<210> 12

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligomer probe for *M. peregrinum*

<400> 12

gttccggtcg aggtgg

16

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. chelonae*

<400> 13
aaatggtgac tgccaccacg 20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. abscessus*

<400> 14
aaaaggtgac caccaccacc 20

<210> 15
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. ulcerans*

<400> 15
ggccagccca tcacc 15

<210> 16
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for *M. genavense*/*M. simiae*

<400> 16
ccagccgacg atgacg 16

<210> 17
<211> 19
<212> DNA

<213> Artificial Sequence
 <220>
 <223> Oligomer probe for *M. gordonae* type I, III, IV

 <400> 17
 aaagtcggcg atccgatca 19

 <210> 18
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligomer probe for *M. gordonae* type II

 <400> 18
 aaaaacgtcg gcaagccga 19

 <210> 19
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligomer probe for *M. szulgai*

 <400> 19
 aaatctgaac gtcggcgag 19

 <210> 20
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligomer probe for *M. terrae*

 <400> 20
 aaagtcagg acggtcagt 19

 <210> 21
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligomer probe for Wild Type 509-514

<400> 21
aaccagctga gccaatc 18

<210> 22
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for M. Wild Type 515-520

<400> 22
atggaccaga acaaccgc 18

<210> 23
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 521-525

<400> 23
aaactgtcgc gggtgacc 18

<210> 24
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 524-529

<400> 24
ttgacccaca agcgccga 18

<210> 25
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Wild Type 530-534

<400> 25
ctgtcggcgc tggggc 16

<210> 26
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Mutant Type 531TTG

<400> 26
ctggttggcgc tggggc 16

<210> 27
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Mutant Type 526 AAC

<400> 27
aaaaccaaca agcgccga 18

<210> 28
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Mutant Type 516 GTC

<400> 28
aatggtccag aacaaccg 19

<210> 29
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligomer probe for Mutant Type 513 CCA

<400> 29
aaagctgacc ccattcat 18

<210> 30
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Oligomer probe for Mutant Type 511CCG

<400> 30

aaagccgagc ccattcat

18